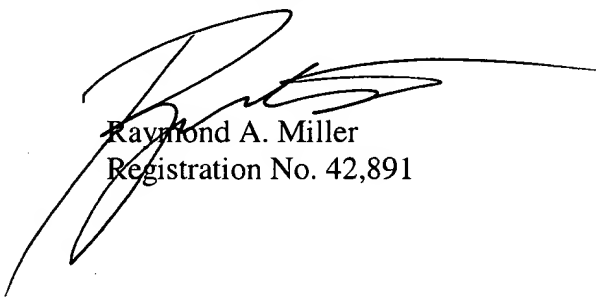


AUTHORIZATION

Applicant believes that no fee is required, but the Commissioner is hereby authorized to charge any fee, which may be required for this Amendment to deposit account No. 50-0436.

Respectfully submitted,

PEPPER HAMILTON LLP



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Date: December 10, 2002

MARKED VERSION SHOWING CHANGES MADE

IN THE SPECIFICATION:

The following heading and paragraph are added to page 1 immediately following the title:

GOVERNMENT INTEREST

The United States government may have certain rights to this invention pursuant to Contract Nos. HL 36946, HL 61200, HL 36819 and CA 4405900014-99-1-0239/P00001, DMR-9996253, and DE-FGO2-00ER45810 with the National Institutes of Health.



CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

In re Application of: Sims, *et. al.*
Serial No.: 09/823,847
Docket No. 126233.1101
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I HEREBY CERTIFY THAT THE DOCUMENTS DESCRIBED BELOW ARE BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE VIA REGULAR MAIL NO. UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, BOX NON-FEE AMENDMENTS, WASHINGTON, D.C. 20231.

Brenda C. Scheuering

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Brenda C. Scheuering

Documents Enclosed:

1. Amendment;
2. Certificate of Mailing;
3. Postcard.